

## Hornerin Antibody

*HRNR, hornerin, S100A16, S100a18, intermediate filament-associated protein*

**CATALOG NO.: 45-743**

**HOST:**

Goat

**CLONALITY:**

Polyclonal

**INFORMATION:**

Hornerin Antibody.

**SOURCE:**

Hornerin antibody was raised against a synthetic peptide of Hornerin.

**PROTEIN ACCESSION NUMBER(S) :**

NP\_001009931.1

**SPECIES REACTIVITY:**

Human

**TESTED APPLICATION:**

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**APPLICATION:**

Peptide ELISA: antibody detection limit dilution 1:32,000.  
Western Blot: Preliminary experiments gave an approx 50kDa band in Human Skin lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 282kDa according to NP\_001009931.1. The 50kDa band was successfully blocked by incubation with the immunizing peptide.

**PURIFICATION:**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**BUFFER:**

0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**STORAGE:**

Aliquot and store at -20°C. Minimize freezing and thawing.

**REFERENCE:**

Wang L, Wang YY, Cao Q, Chen Z, Chen SJ. Hornerin gene was involved in a case of acute myeloid leukemia transformed from myelodysplastic syndrome with t(1;2)(q21;q37). *Leukemia*. 2006 Dec;20(12):2184-7. Epub 2006 Oct 19. No abstract available.

**USER NOTES:**

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.